

## Related Project Experience Laboratories and Research Facilities

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### CURRENT/RECENT PROJECTS

#### General Motors

San Francisco, CA

Kaplan/McLaughlin/Diaz

Acoustical recommendations for General Motors Warren Tech Center. Provided measurement to control reverberation within spaces requiring speech communication allowing public corridors such as lobbies to be a little more reverberant.

#### Quantum – Headquarter Building 6

Milpitas, CA

Barrett Quezada Architecture

Work included the review and recommendation of noise control for the rooftop units, wall selection for sound isolation, and room acoustics within open-plan and private office areas. The new 180,000 square foot facility also includes a fitness center, cafeteria, company store, research and development labs, and a 13,000 square foot lobby.

#### Sugen, Inc

South San Francisco, CA

Anshen + Allen

Acoustical consulting of sound isolation and mechanical noise/vibration control Design of an audiovisual system for the Sugen expansion. System includes portable camera, speech reinforcement for the instructor, videotape playback, slide projection, and computer graphics displays.

#### Allergan Inc.

Irvine, CA

MBT Architects, Inc.

Design of an audiovisual system for the Allergan R&D Expansion. System includes portable camera, speech reinforcement for the instructor, videotape playback, slide projection, and computer graphics displays.

#### UC Davis - Walker Hall Replacement Facility

Davis, CA

Anshen + Allen

Room acoustics, sound isolation and mechanical noise/vibration control for a 63,500 square foot building which will house the civil and bio-medical engineering labs, applied science lab, and surgery suite.

#### UC Davis - Contained Research Facility

Davis, CA

Anshen + Allen

Noise and vibration control for mechanical systems within the laboratory building.

#### UC Davis - Equine Analytical Chemical Laboratory

Davis, CA

Kornberg Associates

Room acoustics, sound isolation, and mechanical noise and vibration control services for a new 30,000 square foot university laboratory. This facility contains analytical chemistry and toxicology laboratories with administrative support space.

#### Stanford University - Medical Center Genetics Laboratory

Stanford, CA

Anshen + Allen

Developed mechanical noise and vibration control details for the renovation of this department in the Alway Building. Identified acoustically critical spaces such as the Genetics Library and Electron Microscope rooms, and provided construction administration.

#### Stanford University - Stauffer Hall/Dai and Waymouth Laboratories

Stanford, CA

Rudolph & Sleeten, Inc  
William Gratiot

Reviewed HVAC options for noise control during the renovation of this building's laboratories.

**Stanford University - Block Microbiology/Laser Lab**

**Stanford, CA**

CAS Architects

Developed acoustical details for a lab with vibration-sensitive laser equipment.

**UCSF - MSB 664/668 S/D Anatomy Lab**

**San Francisco, CA**

UCSF Architectural Design and Management

Design of an audiovisual system for use in the Dental Anatomy Lab. System includes portable camera display of dissection activities, speech reinforcement for the instructor, videotape playback, slide projection, computer graphics display, and image printouts of freeze frames.

**UC Santa Cruz - Experimental Psychology Lab**

**Santa Cruz, CA**

UC Santa Cruz

Acoustical measurements and determinations to maximize sound isolation for the booths in the Experimental Psychology Lab. The booths, used for testing human perception, need to be as isolated as possible from adjacent booths and the hallway. Solutions focused on HVAC noise control and wall insulations.

**University of Oklahoma - Biomedical Research Center**

**Tulsa, OK**

MBT Architecture

Designed wall angles to reduce echoes within the Seminar room. Recommended wall finish materials and mechanical noise isolation techniques for conference rooms and offices in the Health Sciences building.

**Children's Hospital Research Institute**

**Oakland, CA**

Dowler-Gruman Architects

During the restoration of this historical building, we provided HVAC noise control recommendations for the air handlers, and audio system designs for the Seminar Room and Historical Library.

**John Muir Hospital - 1st and 7th Floors**

**Walnut Creek, CA**

Thistlewaite Architectural Group

Reviewed mechanical systems and rooftop HVAC unit to make recommendations on ways to isolate the noise from the Angiography laboratory below.

**Quantum Headquarters - Building 1**

**Milpitas, CA**

Barrett Quezada

Provided acoustical recommendations for a new office facility. The facility contains classrooms, conference rooms, an exercise room, a laboratory, and work areas. Also made recommendations for a moveable partition in the multipurpose room.

**Lawrence Livermore National Laboratory - Building 415**

**Livermore, CA**

LLNL

Acoustical review of aerobic/exercise room. Recommended methods to isolate noise between room and adjoining offices.

**Terrapin Labs**

**South San Francisco, CA**

CP Construction

Measurements to verify that emergency power generator complied with city noise ordinances. Recommendations were made to help lessen the transfer of noise between the generator and interior areas.

**Tandem Computers - Building 208**

**Cupertino, CA**

The Steinberg Group

Additional recommendations during remodeling for sound isolation between classrooms, offices, and open plan areas. The remodeling turned a number of classrooms and laboratories into open plan and private offices.



**Hewlett Packard - Building 91**

**Santa Clara, CA**

Comprehensive Architectural Service

Design of acoustical enclosures for an abrasive sandblasting/polishing system and ultrasonic bath located in a manufacturing laboratory adjacent to an open plan office area.

**Tanabe Research Laboratories**

**San Diego, CA**

Kornberg Associates

Design of a new 2-story, 36,000 square foot research laboratory which contains offices, conference rooms, and research facilities. Project included controlling exhaust fan noise and ensuring conversation privacy between seminar, board, and conference rooms

**Applied Immune Science Center**

**San Jose, CA**

Robinson Mills & Williams

Reviewed existing sound isolation for conference room and provided recommendations to improve speech privacy.

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